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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/627,938	07/25/2003	Upendra V. Chaudhari	YOR920030133US1 (16595)	3668
23389 7590 01/05/2007 SCULLY SCOTT MURPHY & PRESSER, PC 400 GARDEN CITY PLAZA SUITE 300 GARDEN CITY, NY 11530			EXAMINER PERUNGAVOOR, VENKATANARAY	
			ART UNIT 2132	PAPER NUMBER
SHORTENED STATUTORY PERIOD OF RESPONSE		MAIL DATE	DELIVERY MODE	
3 MONTHS		01/05/2007	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No. 10/627,938	Applicant(s) CHAUDHARI ET AL.	
	Examiner Venkat Perungavoor	Art Unit 2132	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 13 November 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6, 9-14 and 17-20 is/are rejected.
- 7) ☒ Claim(s) 7, 8, 15 and 16 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Arguments

Applicant's arguments, see pages 7-10, filed 11/13/06, with respect to the rejection(s) of claim(s) 1-20 under 35 USC § 102(e) have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of US Patent Publication 2003/0074317 A1 to Hofi.

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-4, 9-14, 17-20 are rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Patent Publication 20050043096 A1 to Kerr with priority under 119(e) based on Provisional Application No. 60266856 in view of US Patent Publication 2003/0074317 A1 to Hofi.

Regarding Claim 1, 11, 18, Kerr discloses the enrollment stage having applying a stimulus to the user for identification and detecting the user's response see Par. 0089-0093; generating a model for the user's response and storing that model in a database see Par.0094-0096; presenting stimulus and detecting the user's response see Par. 0098-0101; comparing of response with the one stored in the database see Par. 0103; determining whether user is same match and the validity see Par.0104. Kerr further discloses biometric input being psychological/behavioral see Par. 0020-0022. Although Kerr, mentions the input being psychological/behavioral he does not explicitly disclose the use of stimulus to illicit such responses. However, Hofi discloses the use of stimulus to illicit responses to emotional, behavioral or physiological in nature for identity verification see Par. 0075-0076. It would be obvious to one having ordinary skill in the art at the time of the invention to include the use of stimulus to illicit responses to emotional, behavioral or physiological in nature for identity verification in the invention of Kerr in order to provide an alternative to standard password/fingerprint input.

Regarding Claim 2, 12, Kerr discloses the stimulus being voice(audio), hand geometry and vein patterns(visual) see Par. 0020-0022.

Regarding Claim 3, Kerr discloses the voice patterns being analyzed see Par. 0093 & Par.0060.

Regarding Claim 4 and 5, 13 and 14, Kerr discloses the psychological test and detection of user's behavioral and physical characteristics see Par.0059 & Par.0093.

Regarding Claim 9 and 10, 17, Kerr discloses the user's response to stimuli being compared for consistency in response and updated; and the correlation between the stored and the received responses see Par. 0072 & Par.0111 & Par. 0114.

Regarding Claim 19 and 20, Kerr discloses the presentation of stimulus and generating a response and measuring the closeness of the received match with one stored in database see Par. 0125-0129.

Claims 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent Publication 20050043096 A1 to Kerr in view of U.S. Patent 5696964 to Cox et al.(hereinafter Cox).

Regarding Claim 6, Kerr does not disclose visual emotional cues. However, Cox discloses the image being present to illicit the response see Fig. 10 item 1030. It would be obvious to one having ordinary skill in the art at the time of the invention to include the image being present to illicit the response in the invention of Kerr in order to gain the response of user thorough trial as taught Cox see Col 3 Ln 39-57.

Allowable Subject Matter

Claims 7-8, 15-16, are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Although EEG and polygraph test are well known, the use of these metrics in determining identity is not found in prior art.

Conclusion

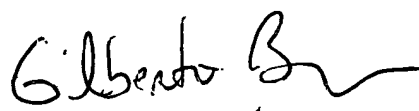
A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Venkat Perungavoor whose telephone number is 571-272-7213. The examiner can normally be reached on 8:30-5:00. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on 571-272-3799. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Venkat Perungavoor
Examiner
Art Unit 2132

VP
1/2/2007


GILBERTO BARRON JR
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100